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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/830,838A

DATE: 03/13/2002

TIME: 09:24:54

Input Set : A:\1803-0296-999.txt

Output Set: N:\CRF3\03132002\I830838A.raw

5 <110> APPLICANT: HABERHAUSEN, GERD
 7 KASPER, PIA
 9 KESSLER, CHRISTOPH
 13 <120> TITLE OF INVENTION: New primers and probes for the detection of HIV
 17 <130> FILE REFERENCE: 4933
 21 <140> CURRENT APPLICATION NUMBER: 09/830,838A
 C--> 23 <141> CURRENT FILING DATE: 2002-02-15
 27 <160> NUMBER OF SEQ ID NOS: 25
 31 <170> SOFTWARE: PatentIn version 3.1
 35 <210> SEQ ID NO: 1
 37 <211> LENGTH: 62
 39 <212> TYPE: DNA
 41 <213> ORGANISM: Human immunodeficiency virus
 45 <400> SEQUENCE: 1
 46 aggggaaccca ctgcttaagc ctcaataaag cttgccttga gtgcttcaag tagtgtgtgc 60
 48 gc 62
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 55 <212> TYPE: DNA
 57 <213> ORGANISM: Human immunodeficiency virus
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 62 ttgactagc ggaggctaga aggagagaga tgggtgagag agcgtcagta ttaagcgggg 60
 64 ga 62
 67 <210> SEQ ID NO: 3
 69 <211> LENGTH: 62
 71 <212> TYPE: DNA
 73 <213> ORGANISM: Human immunodeficiency virus
 77 <400> SEQUENCE: 3
 78 attttaaaag cattgggacc agcggctaca ctagaagaaa tgatgacagc atgtcaggga 60
 80 gt 62
 83 <210> SEQ ID NO: 4
 85 <211> LENGTH: 54
 87 <212> TYPE: DNA
 89 <213> ORGANISM: Human immunodeficiency virus
 93 <400> SEQUENCE: 4
 94 cttaaaggaag ctctattaga tacaggagca gatgatacag tattagaaga aatg 54
 97 <210> SEQ ID NO: 5
 99 <211> LENGTH: 59
 101 <212> TYPE: DNA
 103 <213> ORGANISM: Human immunodeficiency virus
 107 <400> SEQUENCE: 5
 108 tggaaaccaa aatgatagg gggaattgga ggttttatca aagtaagaca gtatgatca 59
 111 <210> SEQ ID NO: 6

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113 <211> LENGTH: 65
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124 acaga                                                                    65
127 <210> SEQ ID NO: 7
129 <211> LENGTH: 53
131 <212> TYPE: DNA
133 <213> ORGANISM: Human immunodeficiency virus
137 <400> SEQUENCE: 7
138 caatacatgg atgatttgta tgtaggatct gacttagaaa tagggcagca tag              53
141 <210> SEQ ID NO: 8
143 <211> LENGTH: 76
145 <212> TYPE: DNA
147 <213> ORGANISM: Human immunodeficiency virus
151 <400> SEQUENCE: 8
152 aaggaaaagg totatctggc atgggtacca gcacacaagg aattggagga aatgaacaag      60
154 tagataaatt agtcag                                                         76
157 <210> SEQ ID NO: 9
159 <211> LENGTH: 67
161 <212> TYPE: DNA
163 <213> ORGANISM: Human immunodeficiency virus
167 <400> SEQUENCE: 9
168 aaatagtagc cagctgtgat aaatgtcagc taaaaggaga agccatgcat ggacaagtag      60
170 actgtag                                                                    67
173 <210> SEQ ID NO: 10
175 <211> LENGTH: 59
177 <212> TYPE: DNA
179 <213> ORGANISM: Human immunodeficiency virus
183 <400> SEQUENCE: 10
184 caggaatttg gaattcccta caatccccaa agtcaaggag tagtagaatc tatgaataa      59
187 <210> SEQ ID NO: 11
189 <211> LENGTH: 101
191 <212> TYPE: DNA
193 <213> ORGANISM: Human immunodeficiency virus
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198 aaaattcaaa attttcgggt ttattacagg gacagcagaa atccactttg gaaaggacca      60
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203 <210> SEQ ID NO: 12
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209 <213> ORGANISM: Human immunodeficiency virus
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216 ta                                                                    62
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221 <211> LENGTH: 97
223 <212> TYPE: DNA

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225 <213> ORGANISM: Human immunodeficiency virus
229 <400> SEQUENCE: 13
230 tggcaactag attgtacaca tttagaagga aaagttatcc tggtagcagt tcatgtagcc      60
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237 <211> LENGTH: 20
239 <212> TYPE: DNA
241 <213> ORGANISM: Human immunodeficiency virus
245 <400> SEQUENCE: 14
246 tacctggcat gggtagcaggc                                                  20
249 <210> SEQ ID NO: 15
251 <211> LENGTH: 26
253 <212> TYPE: DNA
255 <213> ORGANISM: Human immunodeficiency virus
259 <400> SEQUENCE: 15
260 gactaattta tctacttggt catttc                                          26
263 <210> SEQ ID NO: 16
265 <211> LENGTH: 18
267 <212> TYPE: DNA
269 <213> ORGANISM: Human immunodeficiency virus
273 <400> SEQUENCE: 16
274 cacacaaagg aattggag                                                  18
277 <210> SEQ ID NO: 17
279 <211> LENGTH: 20
281 <212> TYPE: DNA
283 <213> ORGANISM: Human immunodeficiency virus
287 <400> SEQUENCE: 17
288 tttggaattc cctacaatcc                                                  20
291 <210> SEQ ID NO: 18
293 <211> LENGTH: 26
295 <212> TYPE: DNA
297 <213> ORGANISM: Human immunodeficiency virus
301 <400> SEQUENCE: 18
302 aattctttat tcatagattc tactac                                          26
305 <210> SEQ ID NO: 19
307 <211> LENGTH: 15
309 <212> TYPE: DNA
311 <213> ORGANISM: Human immunodeficiency virus
315 <400> SEQUENCE: 19
316 cccaaagtca aggag                                                      15
319 <210> SEQ ID NO: 20
321 <211> LENGTH: 24
323 <212> TYPE: DNA
325 <213> ORGANISM: Human immunodeficiency virus
329 <400> SEQUENCE: 20
330 tcaaaatttt cgggtttatt acag                                           24
333 <210> SEQ ID NO: 21
335 <211> LENGTH: 20
337 <212> TYPE: DNA

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339 <213> ORGANISM: Human immunodeficiency virus
343 <400> SEQUENCE: 21
344 agcttttgctg gtcctttcca
347 <210> SEQ ID NO: 22
349 <211> LENGTH: 19
351 <212> TYPE: DNA
353 <213> ORGANISM: Human immunodeficiency virus
357 <400> SEQUENCE: 22
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361 <210> SEQ ID NO: 23
363 <211> LENGTH: 26
365 <212> TYPE: DNA
367 <213> ORGANISM: Human immunodeficiency virus
371 <400> SEQUENCE: 23
372 gcaactagat tgtacacatt tagaag
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377 <211> LENGTH: 25
379 <212> TYPE: DNA
381 <213> ORGANISM: Human immunodeficiency virus
385 <400> SEQUENCE: 24
386 cttctatata tccactggct acatg
389 <210> SEQ ID NO: 25
391 <211> LENGTH: 23
393 <212> TYPE: DNA
395 <213> ORGANISM: Human immunodeficiency virus
399 <400> SEQUENCE: 25
400 gaaaagttat cctggtagca gtt

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/830,838A

DATE: 03/13/2002

TIME: 09:24:56

Input Set : A:\1803-0296-999.txt

Output Set: N:\CRF3\03132002\I830838A.raw

L:23 M:271 C: Current Filing Date differs, Replaced Current Filing Date